

Viewing High Crash Location Maps in TREDs

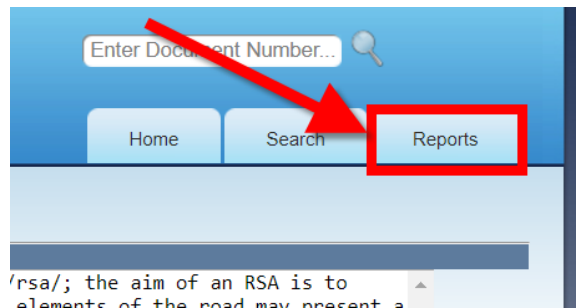
Introduction

The High Crash Location Maps feature in TREDs allows you to quickly view vehicle crash data on a map for high crash locations. This feature employs Google Maps technology, including its Street View mode, to pinpoint the exact GPS location of each crash as indicated on its crash report. Only DMV crash reports with verified location information can be displayed on a high crash location map.

The instructions in this article explain how to open the High Crash Location Maps – Statewide/County/City page and display the results of a high crash location search on a map.

Step-by-step guide

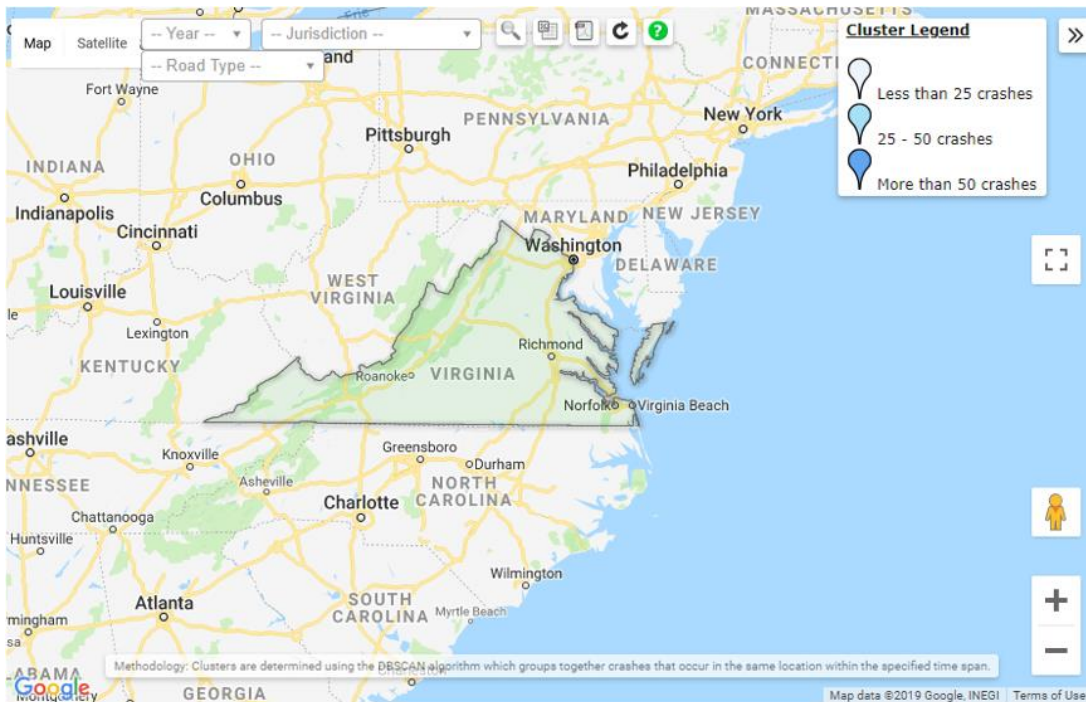
1. To open the High Crash Location Maps – Statewide/County/City page:
 - a. Log in to TREDs.
 - b. Click the **Reports** tab on the top-right corner of the TREDs Home page. (This tab is available on all pages in TREDs, as well.)



- c. Expand the **Mapping** category if it is not already expanded. In this section, locate the **High Crash Location Maps – Statewide/County/City** link, and click it.



2. The High Crash Location Maps – Statewide/County/City page initially displays a map at a wide view, similar to the image below. Take a moment to familiarize yourself with the controls and guidance on this page.

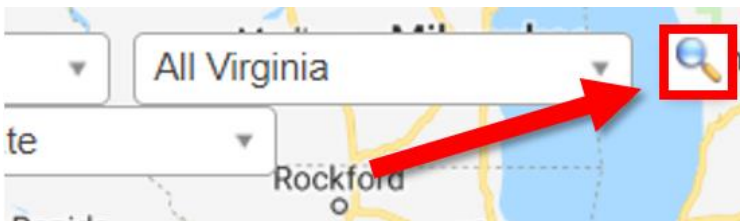


3. Use the drop-down menus near the top-left corner of the map to choose crash criteria for a specific location. These menus are described below.

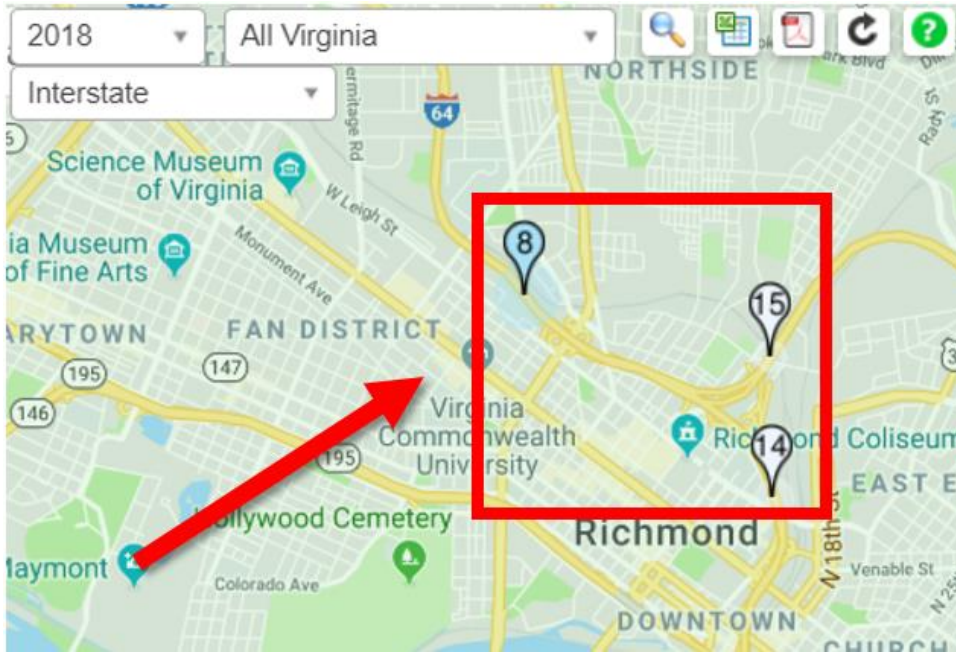
- **Year:** Choose between the current year and any of the previous five years.
- **Jurisdiction:** All Virginia jurisdictions are listed in this drop-down menu. You can use the search field at the top of the list to quickly find a particular jurisdiction. When you select a jurisdiction, the map will zoom to that location.

Note: The list of jurisdictions shows all counties first, followed by all independent cities.

- **Road Type:** Choose either an interstate or non-interstate.
4. After you've made your selections in the drop-down menus, click the **Search** button, which looks like a magnifying glass and is located next to the **Jurisdiction** drop-down menu.

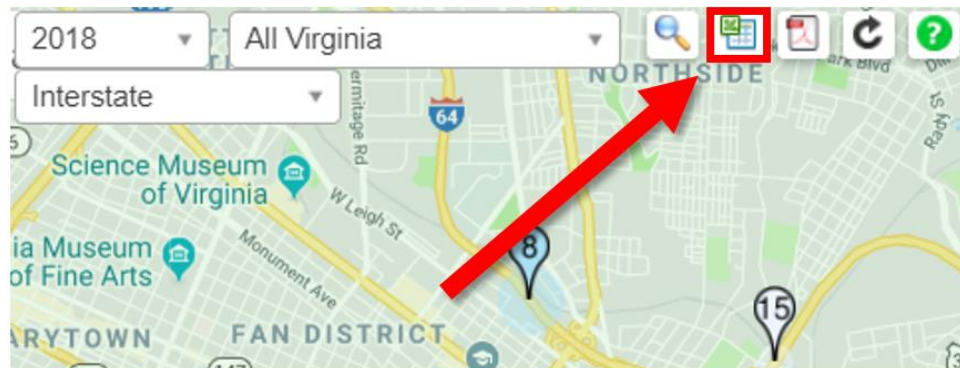


5. Crashes that meet the criteria you selected in Step 4 will display on the map. If multiple crashes occurred in a single area, they will be represented as clusters showing the quantity of crashes, as shown in the example below.



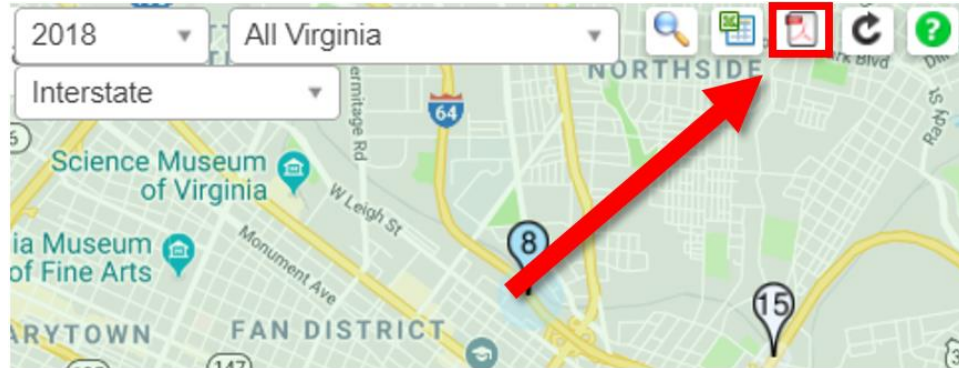
6. At this point, you have three options for viewing the results of your search: you can save the results in a spreadsheet, you can save the results in a PDF summary report, or you can view the results in the map on your computer screen. The option you choose depends solely upon your needs and preferences. Details about each option are provided below.

- **Save results in a spreadsheet:** To save the results in a spreadsheet file, click the Excel icon in the top-left corner of the map window, as shown below. A file named [YYYY]_High_Crash_Locations-Interstate.xls will be saved in the **Downloads** folder on your computer.

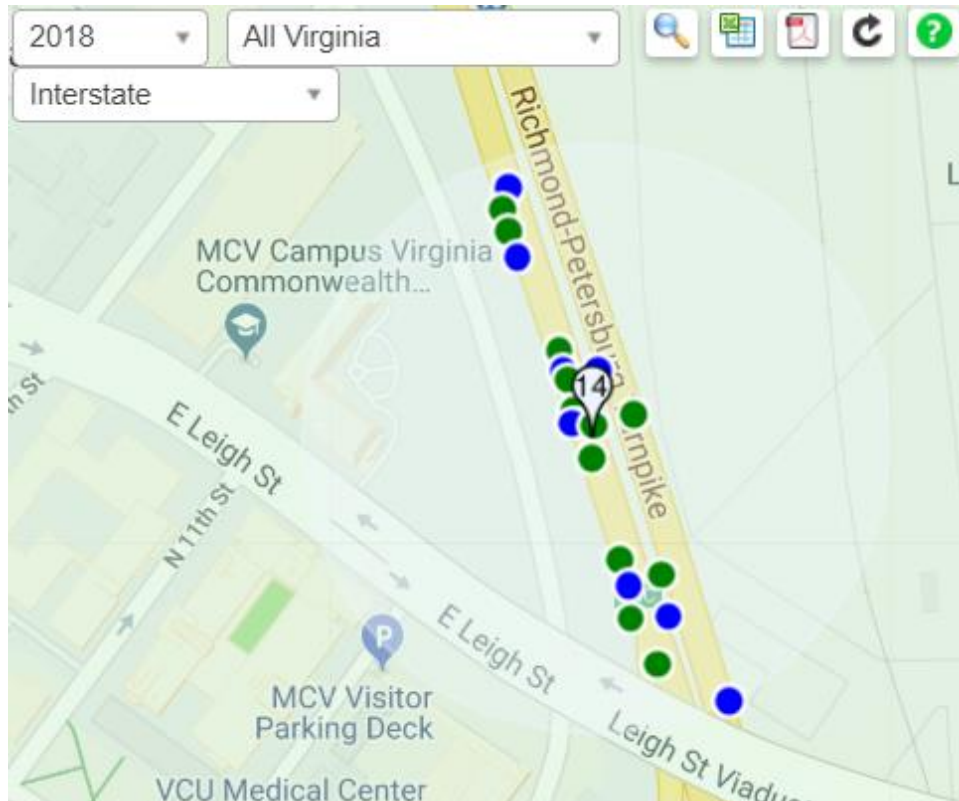


- **Save results in a PDF summary report:** To save the results in a PDF summary report, click the Adobe PDF icon in the top-left corner of the map window, as shown below. A

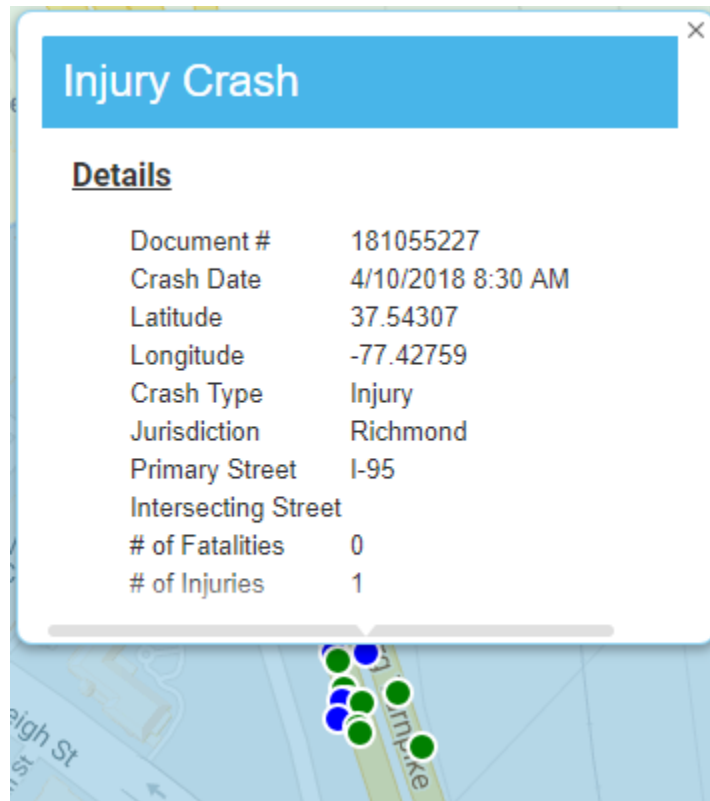
file named [YYYY] **Interstate All Crashes** will be saved in the **Downloads** folder on your computer.



- **View results on the map:** To see details about individual crashes in a particular cluster, click the cluster. The crashes will be shown on the map at the locations they occurred, as shown below.



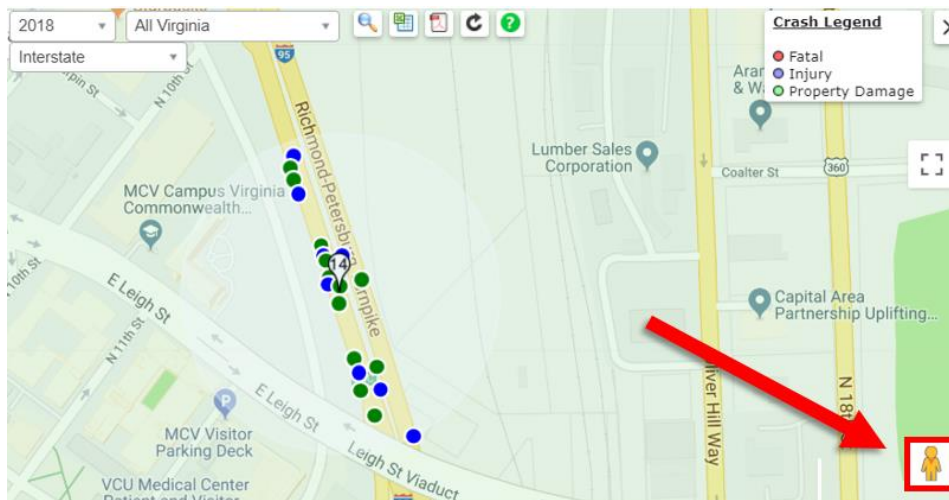
To see detailed information about an individual crash, click the icon representing the crash. A box containing the crash details will appear, as shown below.



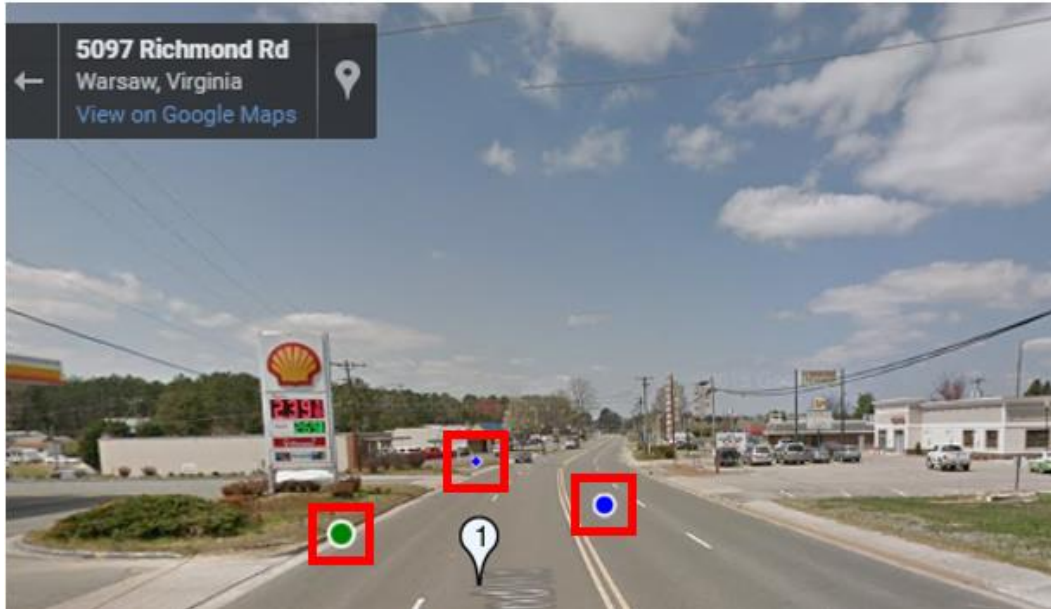
Additional tools on the high crash location maps

The **Street View**, **Reset Map**, and **Help** buttons provide additional useful functionality on the high crash location maps. These tools are described below.

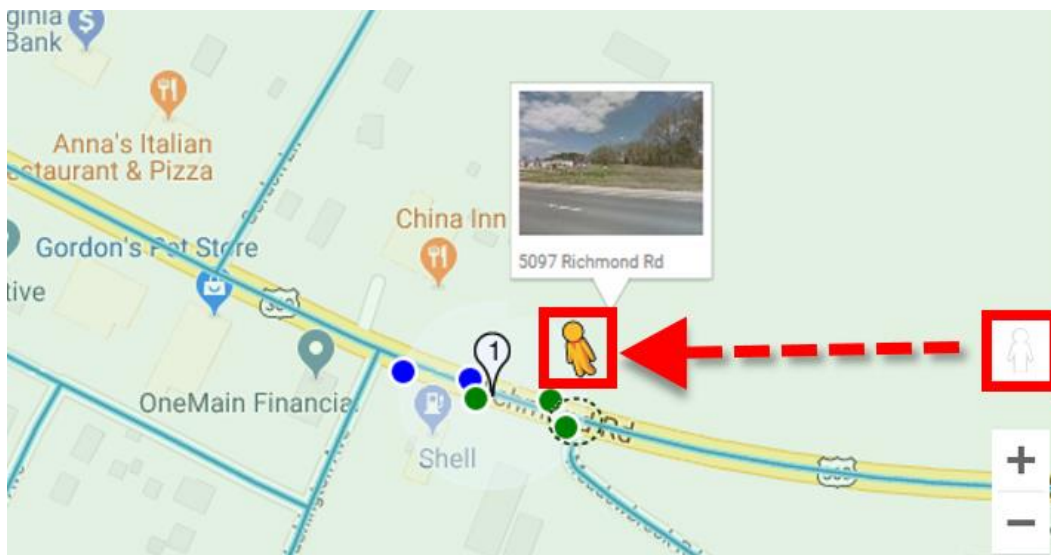
Street View button



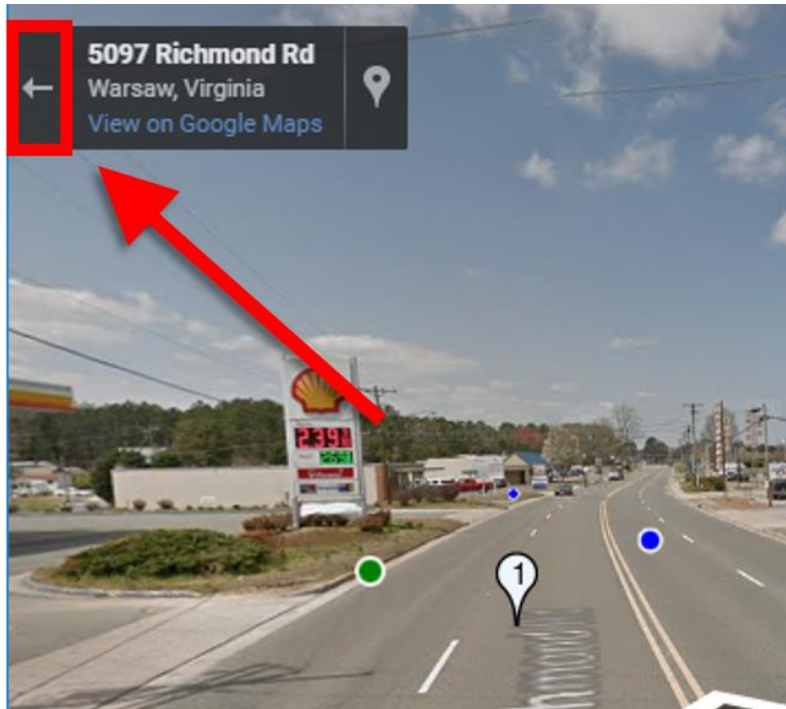
This button allows you to view individual crash locations in Google's Street View mode. This technology shows a circular icon for each crash on an interactive image of the actual location where the crashes occurred, as shown below.



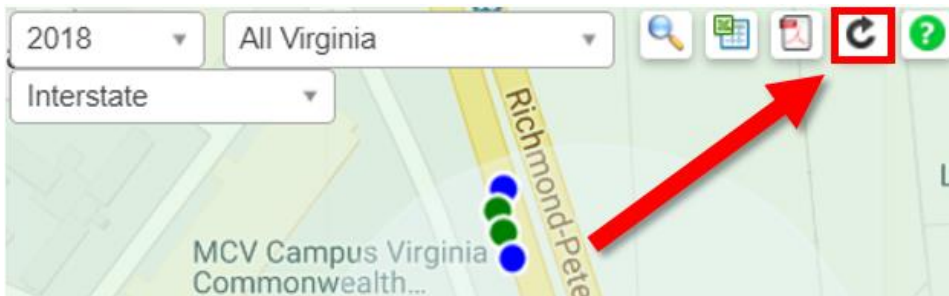
To use this feature, click and drag the **Street View** button to the location on the map where you want to see the map in Street View, as shown below. Drop the icon on any street that displays a blue line; the map will automatically show the crashes at the location.



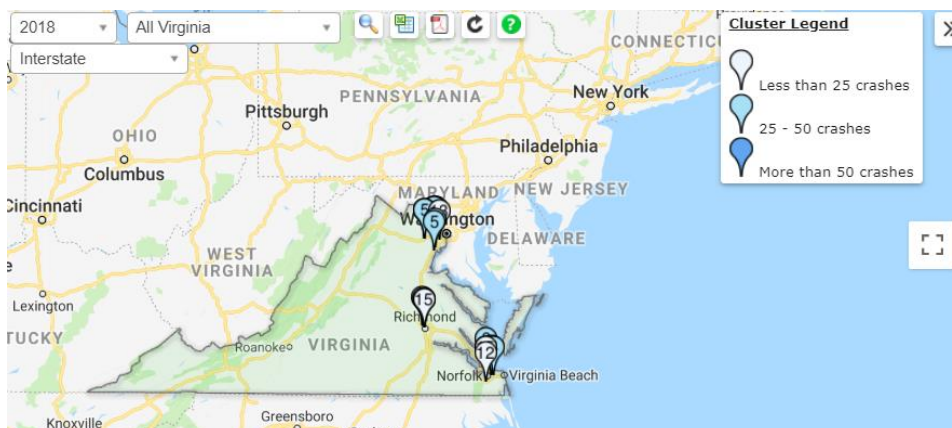
To exit Street View, click the left-pointing arrow in the top-left corner of the map, as shown below.



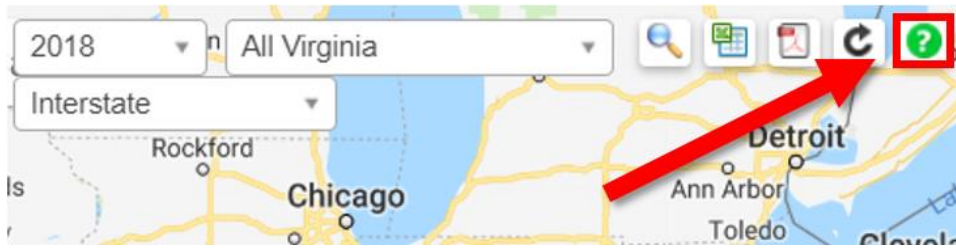
Reset Map button



Use this button if you have zoomed to a specific cluster or crash and want to return to the original wide view of the map. If any crashes were reported in the selected location, those crashes will be displayed in a cluster in the wide view, as shown below.



Help button



This button allows you to view a step-by-step guide for how to use the High Crash Location Maps feature.

Version History

VERSION	DATE	DESCRIPTION OF CHANGE
1.0	2/26/2019	Initial version